

**REPLACEMENT ABSTRACT**

Please replace the abstract with the following abstract:

--A surgical tool may include a cutting surface having fewer than about 10 pores per square centimeter that are greater than about 15 nanometers, 12 nanometers, 10 nanometers, 5 nanometers, or 5 angstroms in size. The tool may be made of a carbide, such as nickel binder tungsten carbide. The cutting surface may be prepared by polishing it until it has the desired surface porosity.--